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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE *JDS*

In re application of: : Art Unit:
Harrow et al. : Examiner:
Serial No.: 09/803,551 : Date: March 23, 2001
Filed: March 9, 2001 :
For: *Transmit/Receive Arbitrator*

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WASHINGTON, D.C. 20231, ON: MAR. 23, 2001

Date of Deposit

Paul G. Wille 3.23.01
Signature Date

DISCLOSURE STATEMENT UNDER RULE 56

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231

SIR:

It is respectfully requested that the art listed below be considered in the examination of the subject application and made of record therein. A copy of the art listed below is enclosed.

4,976,287 discloses (FIG. 2) a circuit for comparing the peak
Reesor et al. amplitude and noise level in the microphone and
January 3, 1989 line input and selecting one or the other;

- 4,879,745 discloses (FIG. 2) a control circuit that compares
Arbel
November 7, 1989
signal power, noise level, and echo in the
microphone and line input for selecting one or the
other;
- 5,418,848 discloses (FIG. 2) an evaluation circuit that
Armbrüster
May 23, 1995
includes counter 11 that counts up during periods
of double talk and down during periods without
double talk and coupling a non-linear filter into the
line out when the count reaches a predetermined
number;
- 5,598,466 discloses (FIGS. 7, 11, 12) a plurality of
Graumann
January 28, 1997
calculations that are performed to detect speech;
- 5,692,042 discloses (FIG. 1) hysteresis (154) in a
Sacca
November 25, 1997
transmit/receive evaluation circuit;
- 5,764,753 discloses (FIG. 3) an utterance detector including
McCaslin et al.
June 9, 1998
counter 120 controlled by power estimate circuit
82 and absolute value circuit 117;
- 5,867,574 discloses (FIG. 2) a method for detecting voice
Eryilmaz
February 2, 1999
activity employing a plurality of calculations;
- 6,138,040 discloses (FIG. 3) a method for detecting voice by
Nicholls et al.
October 24, 2000
comparing signal energy to calculated average
background noise;

It is respectfully submitted that the invention as described and claimed is not disclosed or suggested by the prior art listed above.

Respectfully submitted,

A handwritten signature in cursive script that reads "Paul F. Wille".

Paul F. Wille

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